

Daniela Sarnataro

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

50
papers

1,743
citations

23
h-index

41
g-index

55
ext. papers

1,983
ext. citations

5.5
avg, IF

4.5
L-index

#	Paper	IF	Citations
50	Protein oligomerization modulates raft partitioning and apical sorting of GPI-anchored proteins. <i>Journal of Cell Biology</i> , 2004 , 167, 699-709	7.3	198
49	The highways and byways of prion protein trafficking. <i>Trends in Cell Biology</i> , 2005 , 15, 102-11	18.3	143
48	PrP(C) association with lipid rafts in the early secretory pathway stabilizes its cellular conformation. <i>Molecular Biology of the Cell</i> , 2004 , 15, 4031-42	3.5	110
47	The cannabinoid CB1 receptor antagonist rimonabant (SR141716) inhibits human breast cancer cell proliferation through a lipid raft-mediated mechanism. <i>Molecular Pharmacology</i> , 2006 , 70, 1298-306	4.3	102
46	Metagenomics Reveals Dysbiosis and a Potentially Pathogenic <i>N. flavescens</i> Strain in Duodenum of Adult Celiac Patients. <i>American Journal of Gastroenterology</i> , 2016 , 111, 879-90	0.7	94
45	Adiponectin affects lung epithelial A549 cell viability counteracting TNF α and IL-1 β toxicity through AdipoR1. <i>International Journal of Biochemistry and Cell Biology</i> , 2013 , 45, 1145-53	5.6	76
44	PrPC is sorted to the basolateral membrane of epithelial cells independently of its association with rafts. <i>Traffic</i> , 2002 , 3, 810-21	5.7	74
43	TRAP1 and the proteasome regulatory particle TBP7/Rpt3 interact in the endoplasmic reticulum and control cellular ubiquitination of specific mitochondrial proteins. <i>Cell Death and Differentiation</i> , 2012 , 19, 592-604	12.7	66
42	Plasma membrane and lysosomal localization of CB1 cannabinoid receptor are dependent on lipid rafts and regulated by anandamide in human breast cancer cells. <i>FEBS Letters</i> , 2005 , 579, 6343-9	3.8	64
41	Molecular determinants of ER-Golgi contacts identified through a new FRET-FLIM system. <i>Journal of Cell Biology</i> , 2019 , 218, 1055-1065	7.3	59
40	Oligomerization is a specific requirement for apical sorting of glycosyl-phosphatidylinositol-anchored proteins but not for non-raft-associated apical proteins. <i>Traffic</i> , 2007 , 8, 251-8	5.7	51
39	alpha-Adducin mutations increase Na/K pump activity in renal cells by affecting constitutive endocytosis: implications for tubular Na reabsorption. <i>American Journal of Physiology - Renal Physiology</i> , 2008 , 295, F478-87	4.3	48
38	Novel mitochondrial protein interactors of immunoglobulin light chains causing heart amyloidosis. <i>FASEB Journal</i> , 2015 , 29, 4614-28	0.9	43
37	Detergent-resistant membrane domains but not the proteasome are involved in the misfolding of a PrP mutant retained in the endoplasmic reticulum. <i>Journal of Cell Science</i> , 2006 , 119, 433-42	5.3	43
36	Lipid rafts and clathrin cooperate in the internalization of PrP in epithelial FRT cells. <i>PLoS ONE</i> , 2009 , 4, e5829	3.7	42
35	New therapeutic perspectives in CCDC6 deficient lung cancer cells. <i>International Journal of Cancer</i> , 2015 , 136, 2146-57	7.5	35
34	l-Lactate metabolism in HEP G2 cell mitochondria due to the l-lactate dehydrogenase determines the occurrence of the lactate/pyruvate shuttle and the appearance of oxaloacetate, malate and citrate outside mitochondria. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2012 , 1817, 1679-90	4.6	30

33	Characterization of the properties and trafficking of an anchorless form of the prion protein. <i>Journal of Biological Chemistry</i> , 2007 , 282, 22747-56	5.4	30
32	An ancestral host defence peptide within human β defensin 3 recapitulates the antibacterial and antiviral activity of the full-length molecule. <i>Scientific Reports</i> , 2015 , 5, 18450	4.9	30
31	HMGA1 silencing reduces stemness and temozolomide resistance in glioblastoma stem cells. <i>Expert Opinion on Therapeutic Targets</i> , 2016 , 20, 1169-79	6.4	29
30	Pharmacological folding chaperones act as allosteric ligands of Frizzled4. <i>Nature Chemical Biology</i> , 2015 , 11, 280-6	11.7	28
29	Cell Biology of Prion Protein. <i>Progress in Molecular Biology and Translational Science</i> , 2017 , 150, 57-82	4	27
28	Protease Nexin-1 affects the migration and invasion of C6 glioma cells through the regulation of urokinase Plasminogen Activator and Matrix Metalloproteinase-9/2. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014 , 1843, 2631-44	4.9	27
27	Microbiome Influence in the Pathogenesis of Prion and Alzheimer's Diseases. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	23
26	Let-7a down-regulation plays a role in thyroid neoplasias of follicular histotype affecting cell adhesion and migration through its ability to target the FXD5 (Dysadherin) gene. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, E2168-78	5.6	23
25	Attempt to Untangle the Prion-Like Misfolding Mechanism for Neurodegenerative Diseases. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	22
24	Nuclear localization of Formyl-Peptide Receptor 2 in human cancer cells. <i>Archives of Biochemistry and Biophysics</i> , 2016 , 603, 10-9	4.1	21
23	Membrane protein 4F2/CD98 is a cell surface receptor involved in the internalization and trafficking of human β Defensin 3 in epithelial cells. <i>Chemistry and Biology</i> , 2015 , 22, 217-28		20
22	HMGA1 negatively regulates NUMB expression at transcriptional and post transcriptional level in glioblastoma stem cells. <i>Cell Cycle</i> , 2019 , 18, 1446-1457	4.7	18
21	No Change in the Mucosal Gut Mycobiome Is Associated with Celiac Disease-Specific Microbiome Alteration in Adult Patients. <i>American Journal of Gastroenterology</i> , 2016 , 111, 1659-1661	0.7	15
20	Doppel and PrPC co-immunoprecipitate in detergent-resistant membrane domains of epithelial FRT cells. <i>Biochemical Journal</i> , 2009 , 425, 341-51	3.8	15
19	Detergent insoluble microdomains are not involved in transcytosis of polymeric Ig receptor in FRT and MDCK cells. <i>Traffic</i> , 2000 , 1, 794-802	5.7	15
18	Detergent-resistant membrane microdomains and apical sorting of GPI-anchored proteins in polarized epithelial cells. <i>International Journal of Medical Microbiology</i> , 2002 , 291, 439-45	3.7	15
17	The 37/67 kDa laminin receptor (LR) inhibitor, NSC47924, affects 37/67 kDa LR cell surface localization and interaction with the cellular prion protein. <i>Scientific Reports</i> , 2016 , 6, 24457	4.9	13
16	Protein Syndesmos is a novel RNA-binding protein that regulates primary cilia formation. <i>Nucleic Acids Research</i> , 2018 , 46, 12067-12086	20.1	12

15	Regulation of sub-compartmental targeting and folding properties of the Prion-like protein Shadoo. <i>Scientific Reports</i> , 2017 , 7, 3731	4.9	11
14	Liposome-Embedding Silicon Microparticle for Oxaliplatin Delivery in Tumor Chemotherapy. <i>Pharmaceutics</i> , 2020 , 12,	6.4	11
13	Identification of sumoylation sites in CCDC6, the first identified RET partner gene in papillary thyroid carcinoma, uncovers a mode of regulating CCDC6 function on CREB1 transcriptional activity. <i>PLoS ONE</i> , 2012 , 7, e49298	3.7	10
12	Host defense peptide-derived privileged scaffolds for anti-infective drug discovery. <i>Journal of Peptide Science</i> , 2017 , 23, 303-310	2.1	7
11	Localization of neuroglobin in the brain of R6/2 mouse model of Huntington's disease. <i>Neurological Sciences</i> , 2018 , 39, 275-285	3.5	7
10	New Insights into the Molecular Bases of Familial Alzheimer's Disease. <i>Journal of Personalized Medicine</i> , 2020 , 10,	3.6	6
9	Binding of carbonic anhydrase IX to 45S rDNA genes is prevented by exportin-1 in hypoxic cells. <i>BioMed Research International</i> , 2015 , 2015, 674920	3	6
8	Multimodal imaging for a theranostic approach in a murine model of B-cell lymphoma with engineered nanoparticles. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2018 , 14, 483-491	6	6
7	APP Maturation and Intracellular Localization Are Controlled by a Specific Inhibitor of 37/67 kDa Laminin-1 Receptor in Neuronal Cells. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	5
6	An B-Crystallin Peptide Rescues Compartmentalization and Trafficking Response to Cu Overload of ATP7B-H1069Q, the Most Frequent Cause of Wilson Disease in the Caucasian Population. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	5
5	Crosstalk between 14-3-3 and AF4 enhances MLL-AF4 activity and promotes leukemia cell proliferation. <i>Cellular Oncology (Dordrecht)</i> , 2019 , 42, 829-845	7.2	2
4	Inhibition of 37/67kDa Laminin-1 Receptor Restores APP Maturation and Reduces Amyloid- β in Human Skin Fibroblasts from Familial Alzheimer's Disease. <i>Journal of Personalized Medicine</i> , 2020 , 10,	3.6	2
3	ZSCAN4 mouse embryonic stem cells have an oxidative and flexible metabolic profile. <i>EMBO Reports</i> , 2020 , 21, e48942	6.5	2
2	Probiotics, prebiotics and their role in Alzheimer's disease. <i>Neural Regeneration Research</i> , 2021 , 16, 1768-1769	4.17	0
1	Lipid Rafts in Trafficking and Processing of Prion Protein and Amyloid Precursor Protein 2006 , 205-231		